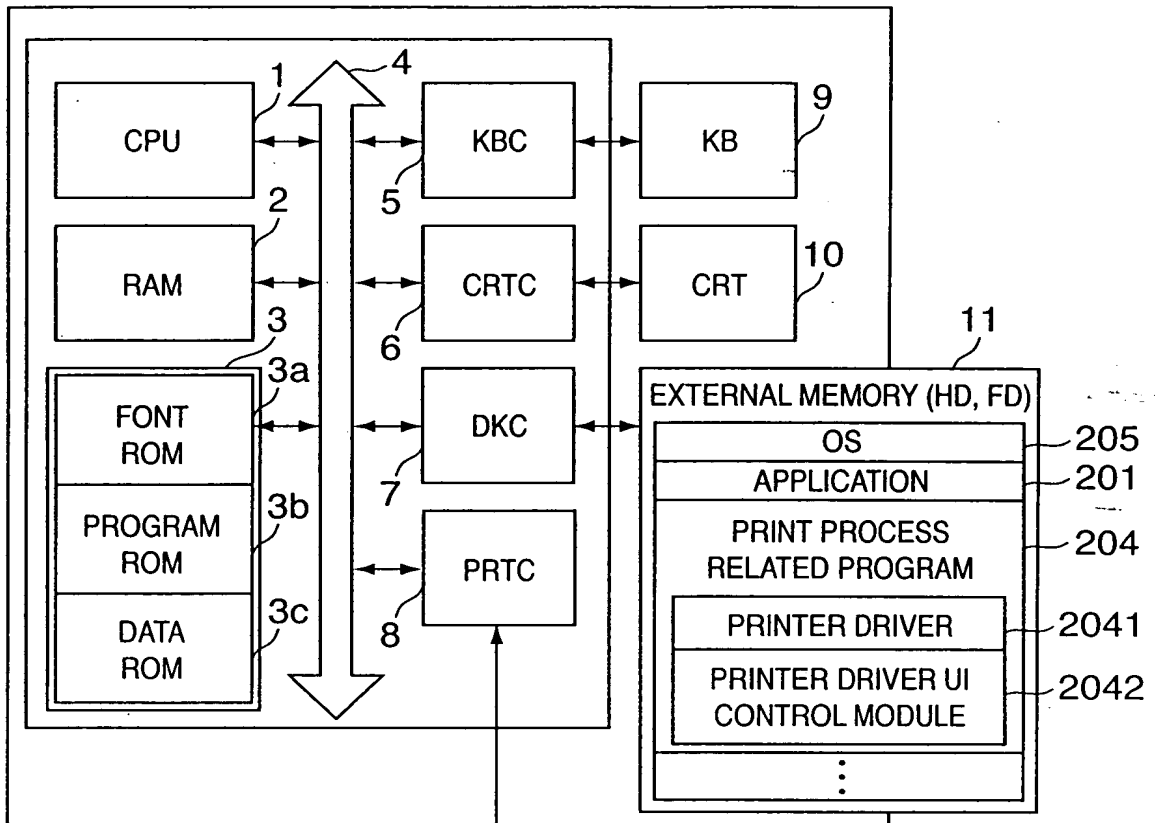


FIG. 1

HOST COMPUTER



PRINTER

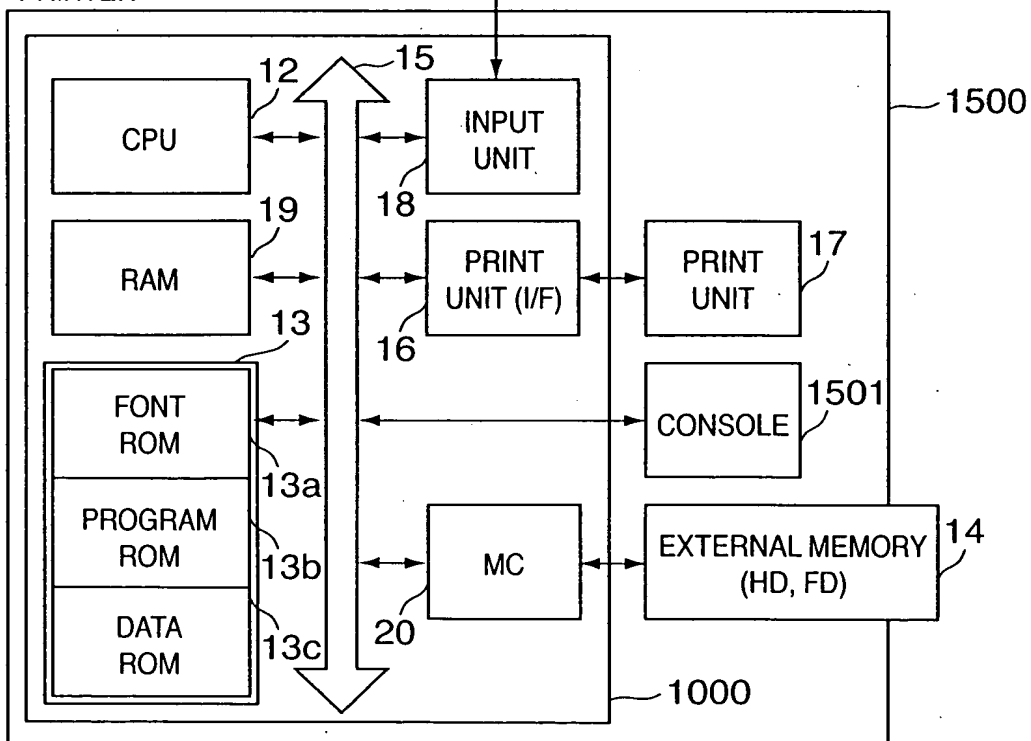
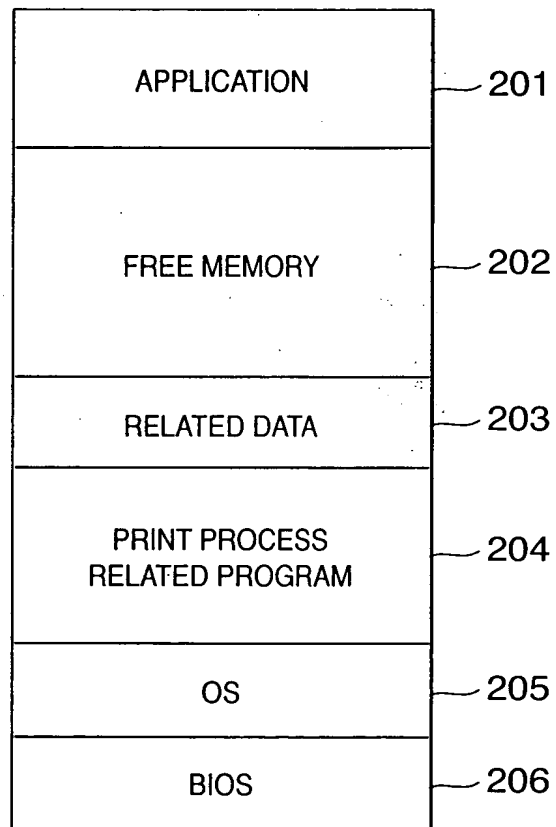
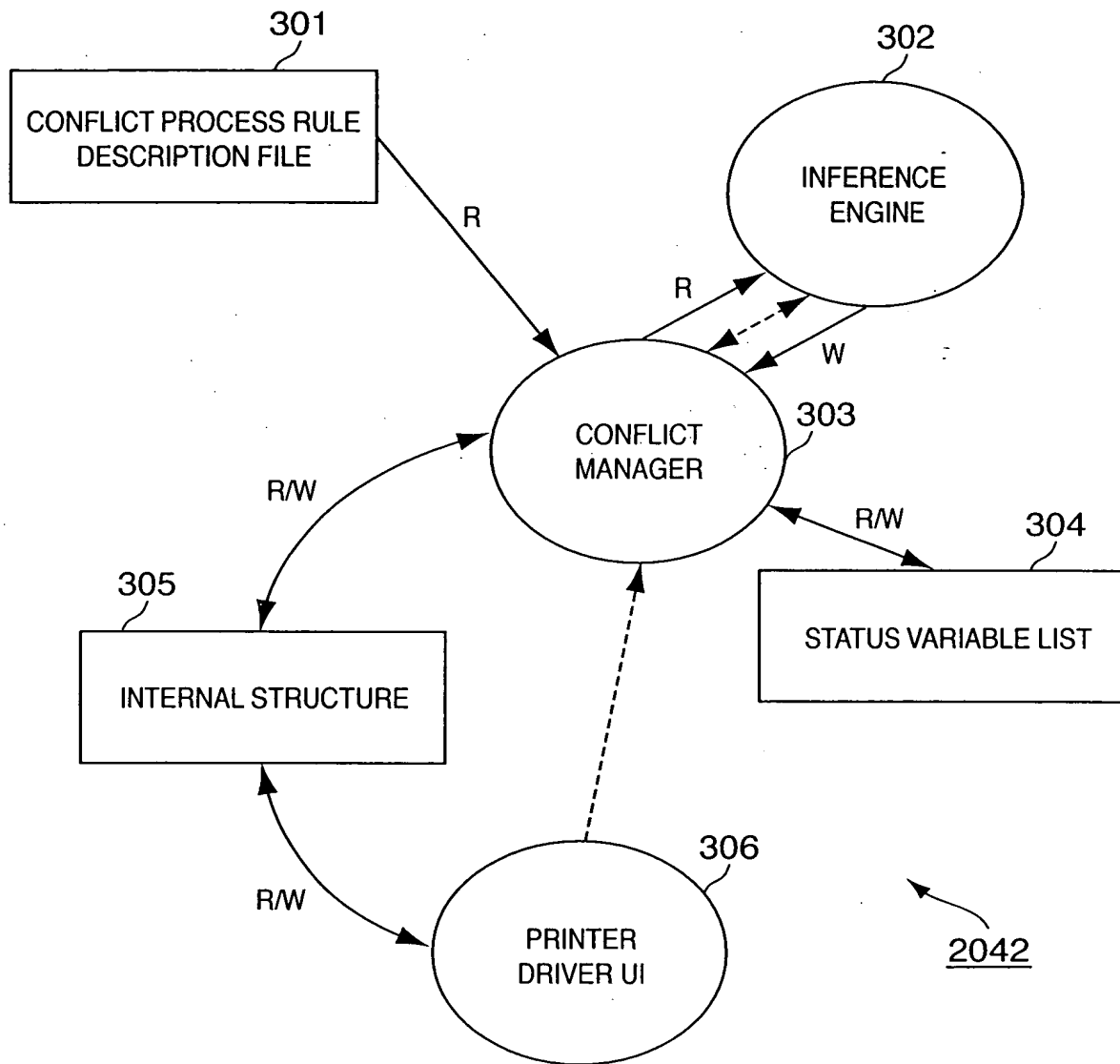


FIG. 2

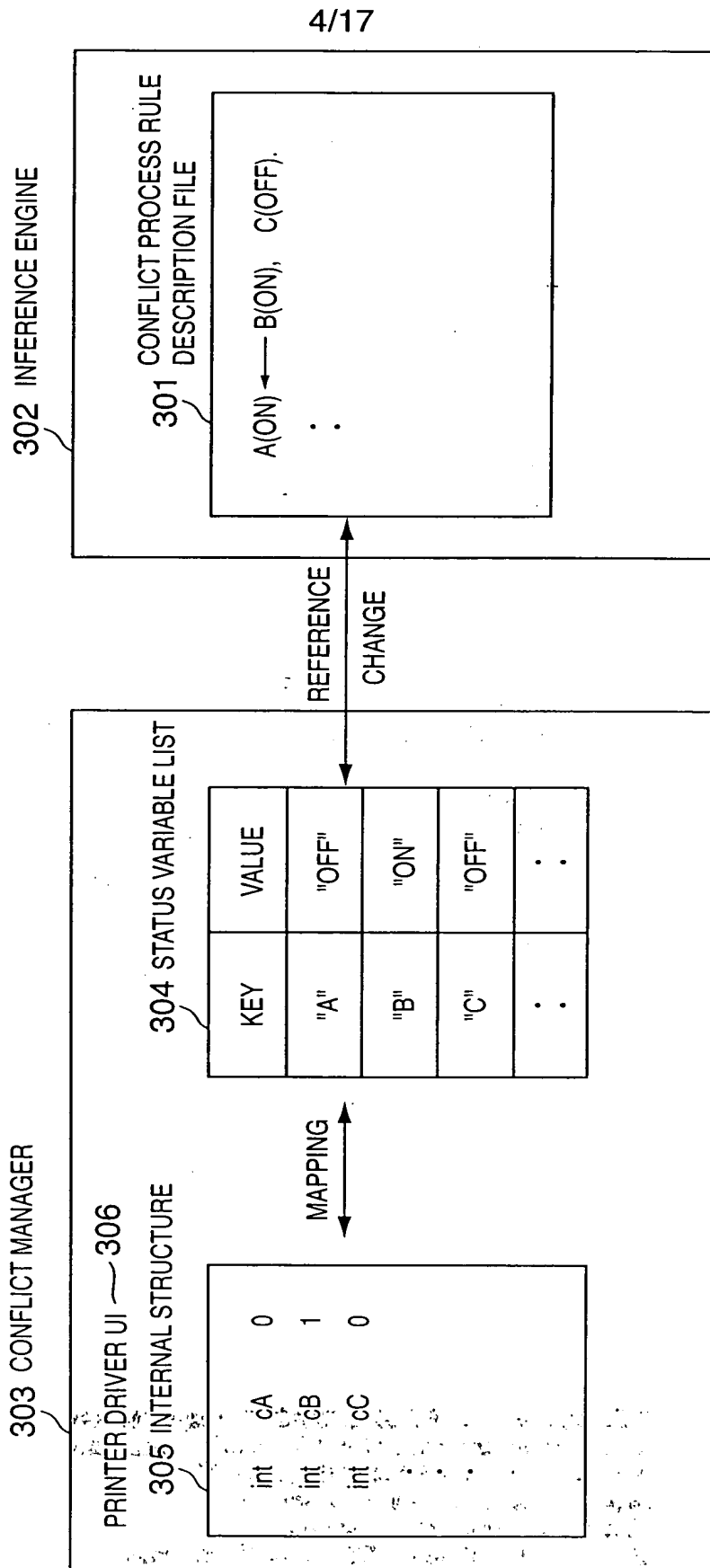
09995724.112901

FIG. 3



09995724.112901

FIG. 4



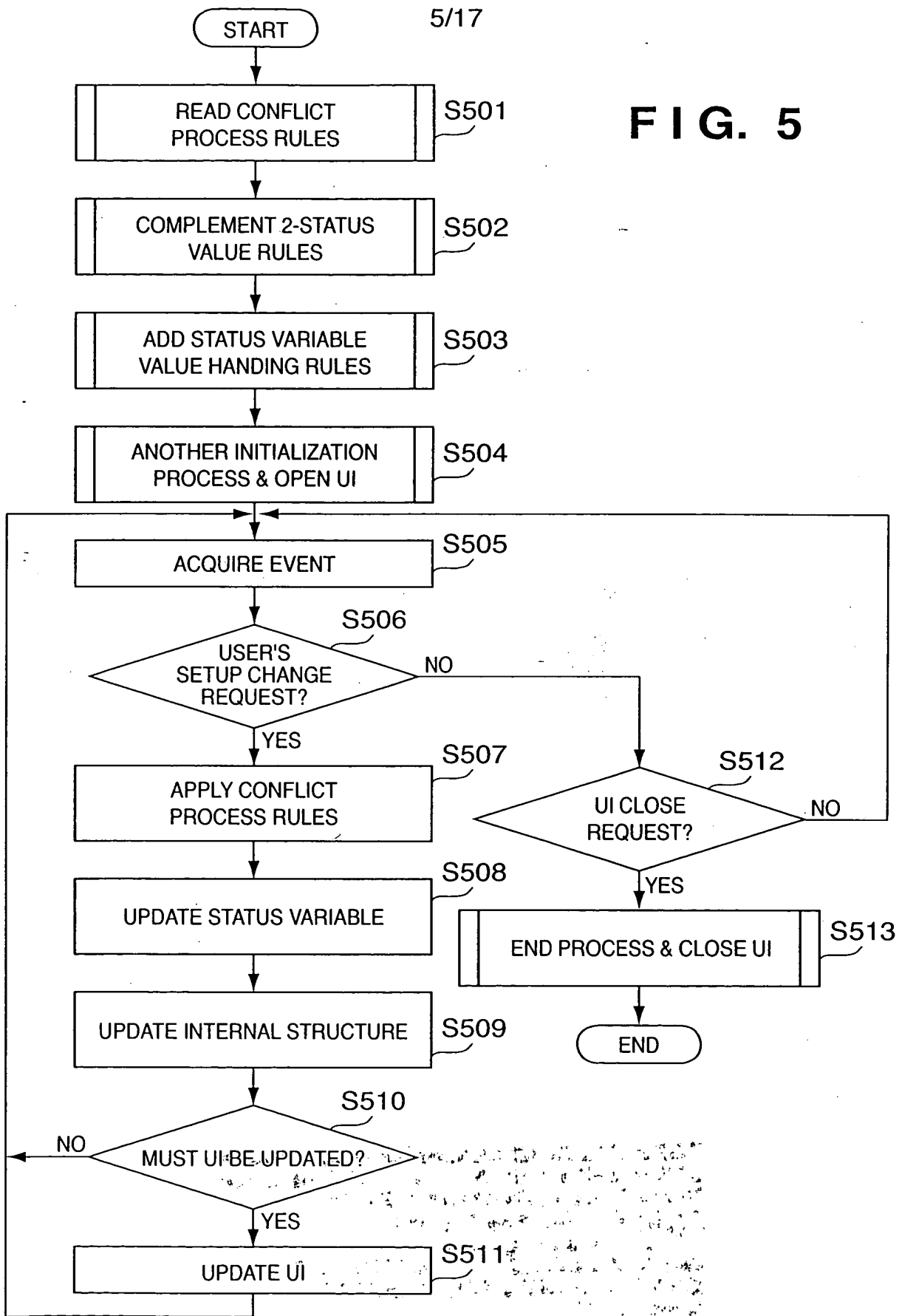


FIG. 6

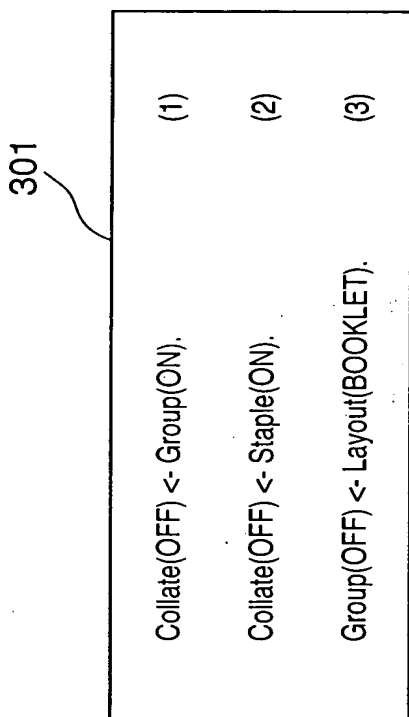


FIG. 7

301

Collate(OFF) <- Group(ON). (1)

Collate(OFF) <- Staple(ON). (2)

Group(OFF) <- Layout(BOOKLET). (3)

Collate(ON) <- true. (4)

Group(ON) <- true. (5)

Collate(_X) <- status(Collate,_X). (6)

Group(_X) <- status(Group,_X). (7)

Layout(_X) <- status(Layout,_X). (8)

Staple(_X) <- status(Staple,_X). (9)

00995724.11901

FIG. 8

PRINT SETUP WINDOW

Print Style :

1-Sided Printing

2-Sided Printing

Booklet Printing

801

802

803

80

Finishing :

Collate

Group

Staple

811

812

813

81

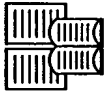
Staple Position

OK

CANCEL

FIG. 9


PRINT SETUP WINDOW

Print Style : 

☐ 1-Sided Printing — 801

☐ 2-Sided Printing — 802

☒ Booklet Printing — 803

Finishing : 

☒ Collate

☐ Group

☐ Staple

Staple Position

OK

CANCEL

80

81

FIG. 10

Collate(OFF) <- Group(ON). (1)

Collate(OFF) <- Staple(ON). (2)

Group(OFF) <- Layout(BOOKLET). (3)

{disable}

Collate(ON) <- true. (4)

Group(ON) <- true. (5)

Collate(_X) <- status(Collate,_X). (6)

Group(_X) <- status(Group,_X). (7)

Layout(_X) <- status(Layout,_X). (8)

Staple(_X) <- status(Staple,_X). (9)

FD62TT 4275660

FIG. 11

Collate(OFF) <- Group(ON). (1)

Collate(OFF) <- Staple(ON). (2)

Group(OFF) <- Layout(BOOKLET). (3)

{disable}

{Message(MSG001)}

Collate(ON) <- true. (4)

Group(ON) <- true. (5)

Collate(_X) <- status(Collate,_X). (6)

Group(_X) <- status(Group,_X). (7)

Layout(_X) <- status(Layout,_X). (8)

Staple(_X) <- status(Staple,_X). (9)

00005724.112901

FIG. 12

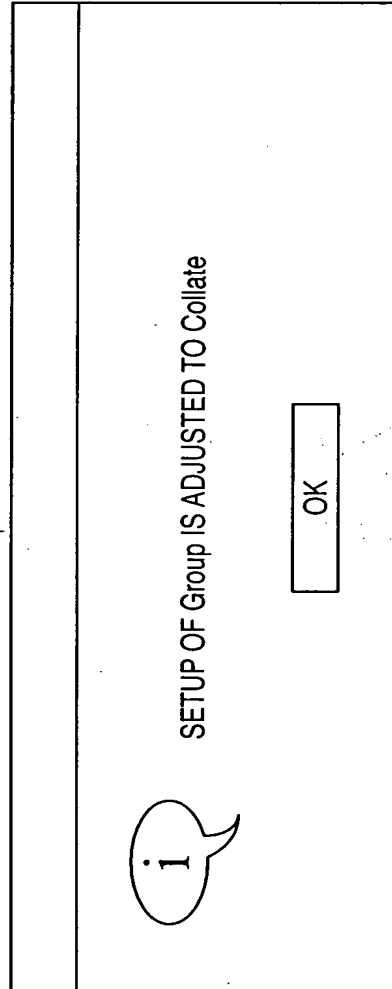


FIG. 13

CONFLICT PROCESS RULE

```
<CONFLICT RULES>
  <CONFLICT RULES, UNIVERSAL>
    <RULE>Booklet(OFF) <- Duplex(ON).</RULE>
    <RULE>Duplex(OFF) <- PaperSize(POSTCARD).</RULE>
    <RULE>Duplex(OFF) <- Media Type(TRANSPARENCY).</RULE>
    ...
  </CONFLICT RULES, UNIVERSAL>
  <CONFLICT RULES, LOCAL>
    <RULE>LayoutId(~POSTER) <- Duplex(ON).</RULE>
    ...
  </CONFLICT RULES, LOCAL>
</CONFLICT RULES>
```

FIG. 14

CONFLICT PROCESS RULE DESCRIPTION FILE

```
<IDENTITY CONFLICT RULES, UNIVERSAL SYSTEM "CONFLICT RULES, UNIVERSAL">
<CONFLICT RULES>
  & CONFLICT RULES, UNIVERSAL
  <!-- READ EXTERNAL UNIVERSAL RULE FILE -->
  <CONFLICT RULES, LOCAL>
    <RULE>LayoutId(~POSTER) <- Duplex(ON).</RULE>
    ...
  </CONFLICT RULES, LOCAL>
</CONFLICT RULES>
```

CONFLICT RULES, UNIVERSAL FILE

```
<CONFLICT RULES, UNIVERSAL>
  <RULE>Booklet(OFF) <- Duplex(ON).</RULE>
  <RULE>Duplex(OFF) <- PaperSize(POSTCARD).</RULE>
  <RULE>Duplex(OFF) <- Media Type(TRANSPARENCY).</RULE>
  ...
</CONFLICT RULES, UNIVERSAL>
```

FIG. 15

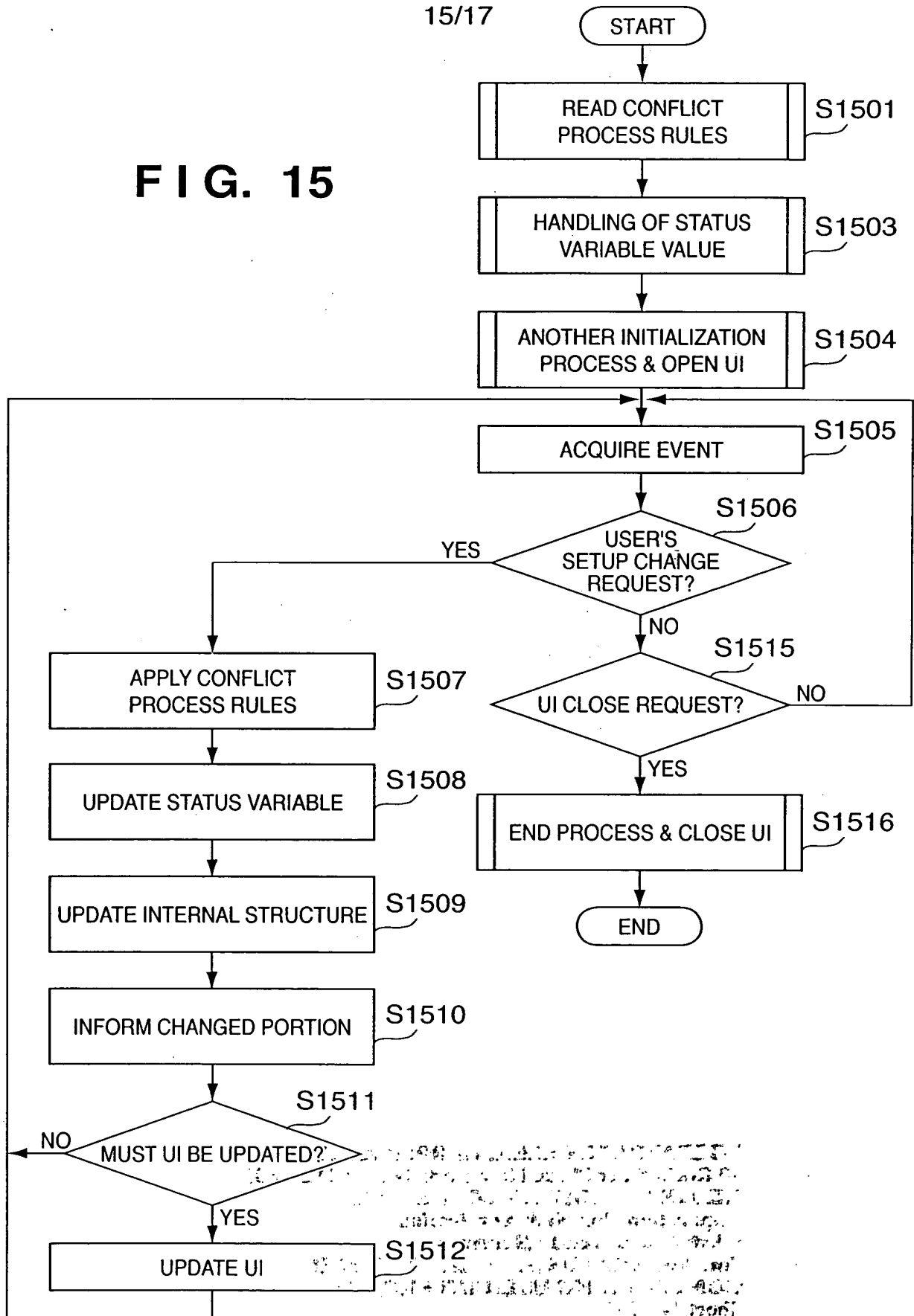


FIG. 16

Staple(OFF) <- Collate(ON). (1)

Staple(OFF) <- Group(ON). (2)

Staple(OFF) <- Finisher(OFF). (3)

{disable}

Staple(OFF) <- StaplablePaper(OFF). (4)

{disable}

Staple(OFF) <- Layout(BOOKLET). (5)

{disable}

Staple(OFF) <- PaperType(OHP). (6)

{disable}

Collate(ON) <- Layout(BOOKLET). (7)

{disable}

Group(OFF) <- Layout(BOOKLET). (8)

{disable}

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FIG. 17

PRINT SETUP WINDOW

Print Style :

☐ 1-Sided Printing

☐ 2-Sided Printing

☒ Booklet Printing

801

802

803

Finishing :

☒ Collate

☐ Group

☐ Staple

81

CANNOT BE CHANGED SINCE Booklet Printing IS SET

OK

CANCEL